

CRF Errors Corrected by the STIC Systems Branch

Serial Number: 09/322,732

CRF Processing Date: 6/15/99 #2
 Edited by: AI
 Verified by: AI (STIC staff)

Changed a file from non-ASCII to ASCII

Changed the margins in cases where the sequence text was "wrapped" down to the next line.

Edited a format error in the Current Application Data section, specifically:

ENTERED

Edited the Current Application Data section with the actual current number. The number inputted by the applicant was ☐ the prior application data; or ☐ other _____

☐ Added the mandatory heading and subheadings for "Current Application Data".

☐ Edited the "Number of Sequences" field. The applicant spelled out a number instead of using an integer.

☐ Changed the spelling of a mandatory field (the headings or subheadings), specifically: _____

☐ Corrected the SEQ ID NO when obviously incorrect. The sequence numbers that were edited were: _____

☐ Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited: _____

☐ Corrected subheading placement. All responses must be on the same line as each subheading. If the applicant placed a response below the subheading, this was moved to its appropriate place.

☐ Inserted colons after headings/subheadings. Headings edited included: _____

☐ Deleted extra, invalid, headings used by an applicant, specifically: _____

☐ Deleted: ☐ non-ASCII "garbage" at the beginning/end of files; ☐ secretary initials/filename at end of file; ☐ page numbers throughout text; ☐ other invalid text, such as _____

☐ Inserted mandatory headings, specifically: _____

☐ Corrected an obvious error in the response, specifically: _____

☐ Edited identifiers where upper case is used but lower case is required, or vice versa.

☐ Corrected an error in the Number of Sequences field, specifically: _____

☐ A "Hard Page Break" code was inserted by the applicant. All occurrences had to be deleted.

☐ Deleted **ending** stop codon in amino acid sequences and adjusted the "(A)Length:" field accordingly (error due to a PatentIn bug). Sequences corrected: _____

☒ Other: Seq 1 at 2 - aligned amino acid res

Seq 3 - moved 22137 response on line

*Examiner: The above corrections must be communicated to the applicant in the first Office Action. DO NOT send a copy of this form.

3/1/95

07/21/99
 10898 U.S. PRO

RECEIVED
 AUG - 3 1999
 OIPE/JCWS

PAGE: 1

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/322,732

DATE: 06/17/1999
TIME: 12:26:20

Input Set: I322732.RAW

This Raw Listing contains the General Information
Section and up to first 5 pages.

ENTERED

```

1  <110> APPLICANT: Marotti, Keith R.
2      Poorman, Roger A.
3      Wells, Peter Andrew
4      Shinaberger, Dean L.
5  <120> TITLE OF INVENTION: Elongation Factor P (EFP) And Assays And Antimicrobial
6      Treatments Related To The Same
7  <130> FILE REFERENCE: PUJ-0041
8  <140> CURRENT APPLICATION NUMBER: US/09/322,732
9  <141> CURRENT FILING DATE: 1999-05-28
10 <150> EARLIER APPLICATION NUMBER: 60/117,473
11 <151> EARLIER FILING DATE: 1999-01-27
12 <160> NUMBER OF SEQ ID NOS: 3
13 <210> SEQ ID NO 1
14 <211> LENGTH: 185
15 <212> TYPE: PRT
16 <213> ORGANISM: Staphylococcus aureus
17 <220> FEATURE:
18 <223> OTHER INFORMATION:
19 <400> SEQUENCE: 1
20      Met Ile Ser Val Asn Asp Phe Lys Thr Gly Leu Thr Ile Ser Val Asp
21      1          5          10          15
22      Asn Ala Ile Trp Lys Val Ile Asp Phe Gln His Val Lys Pro Gly Lys
23      20          25          30
24      Gly Ser Ala Phe Val Arg Ser Lys Leu Arg Asn Leu Arg Thr Gly Ala
25      35          40          45
26      Ile Gln Glu Lys Thr Phe Arg Ala Gly Glu Lys Val Glu Pro Ala Met
27      50          55          60
28      Ile Glu Asn Arg Arg Met Gln Tyr Leu Tyr Ala Asp Gly Asp Asn His
29      65          70          75          80
30      Val Phe Met Asp Asn Glu Ser Phe Glu Gln Thr Glu Leu Ser Ser Asp
31      85          90          95
32      Tyr Leu Lys Glu Glu Leu Asn Tyr Leu Lys Glu Gly Met Glu Val Gln
33      100         105         110
34      Ile Gln Thr Tyr Glu Gly Glu Thr Ile Gly Val Glu Leu Pro Lys Thr
35      115         120         125
36      Val Glu Leu Thr Val Thr Glu Thr Glu Pro Gly Ile Lys Gly Asp Thr
37      130         135         140
38      Ala Thr Gly Ala Thr Lys Ser Ala Thr Val Glu Thr Gly Tyr Thr Leu
39      145         150         155         160
40      Asn Val Pro Leu Phe Val Asn Glu Gly Asp Val Leu Ile Ile Asn Thr
41      165         170         175
42      Gly Asp Gly Ser Tyr Ile Ser Arg Gly
43      180         185
44  <210> SEQ ID NO 2

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PAGE: 2

RAW SEQUENCE LISTING

PATENT APPLICATION US/09/322,732

 DATE: 06/17/1999
 TIME: 12:26:20

Input Set: I322732.RAW

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45 <211> LENGTH: 188
46 <212> TYPE: PRT
47 <213> ORGANISM: Escherichia coli
48 <220> FEATURE:
49 <223> OTHER INFORMATION:
50 <400> SEQUENCE: 2
51 Met Ala Thr Tyr Tyr Ser Asn Asp Phe Arg Ala Gly Leu Lys Ile Met
52 1 5 10 15
53 Leu Asp Gly Glu Pro Tyr Ala Val Glu Ala Ser Glu Phe Val Lys Pro
54 20 25 30
55 Gly Lys Gly Gln Ala Phe Ala Arg Val Lys Leu Arg Arg Leu Leu Thr
56 35 40 45
57 Gly Thr Arg Val Glu Lys Thr Phe Lys Ser Thr Asp Ser Ala Glu Gly
58 50 55 60
59 Ala Asp Val Val Asp Met Asn Leu Thr Tyr Leu Tyr Asn Asp Gly Glu
60 65 70 75 80
61 Phe Trp His Phe Met Asn Asn Glu Thr Phe Glu Gln Leu Ser Ala Asp
62 85 90 95
63 Ala Lys Ala Ile Gly Asp Asn Ala Lys Trp Leu Leu Asp Gln Ala Glu
64 100 105 110
65 Cys Ile Val Thr Leu Trp Asn Gly Gln Pro Ile Ser Val Thr Pro Pro
66 115 120 125
67 Asn Phe Val Glu Leu Glu Ile Val Asp Thr Asp Pro Gly Leu Lys Gly
68 130 135 140
69 Asp Thr Ala Gly Thr Gly Gly Lys Pro Ala Thr Leu Ser Thr Gly Ala
70 145 150 155 160
71 Val Val Lys Val Pro Leu Phe Val Gln Ile Gly Glu Val Ile Lys Val
72 165 170 175
73 Asp Thr Arg Ser Gly Glu Tyr Val Ser Arg Val Lys
74 180 185
75 <210> SEQ ID NO 3
76 <211> LENGTH: 29
77 <212> TYPE: RNA
78 <213> ORGANISM: Artificial Sequence
79 <220> FEATURE:
80 <223> OTHER INFORMATION: Synthetic oligoribonucleotide
81 <400> SEQUENCE: 3
82 gggaaauucgg agguuuuaaaa auggguaaaa 29

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PAGE: 3

VERIFICATION SUMMARY
PATENT APPLICATION US/09/322,732

DATE: 06/17/1999
TIME: 12:26:20

Input Set: I322732.RAW

Line ? Error/Warning

Original Text

PAGE: 1

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/322,732

 DATE: 06/17/1999
 TIME: 12:26:20

Input Set: I322732.RAW

PREVIOUSLY ERRORED SEQUENCES-EDITED

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1  <210> 1
2  <211> 185
3  <212> PRT
4  <213> Staphylococcus aureus
5  <220>
6  <223>
7  <400> 1
8      Met Ile Ser Val Asn Asp Phe Lys Thr Gly Leu Thr Ile Ser Val Asp
9      1              5              10              15
10     Asn Ala Ile Trp Lys Val Ile Asp Phe Gln His Val Lys Pro Gly Lys
11             20              25              30
12     Gly Ser Ala Phe Val Arg Ser Lys Leu Arg Asn Leu Arg Thr Gly Ala
13             35              40              45
14     Ile Gln Glu Lys Thr Phe Arg Ala Gly Glu Lys Val Glu Pro Ala Met
15             50              55              60
16     Ile Glu Asn Arg Arg Met Gln Tyr Leu Tyr Ala Asp Gly Asp Asn His
17     65              70              75              80
18     Val Phe Met Asp Asn Glu Ser Phe Glu Gln Thr Glu Leu Ser Ser Asp
19             85              90              95
20     Tyr Leu Lys Glu Glu Leu Asn Tyr Leu Lys Glu Gly Met Glu Val Gln
21             100             105             110
22     Ile Gln Thr Tyr Glu Gly Glu Thr Ile Gly Val Glu Leu Pro Lys Thr
23             115             120             125
24     Val Glu Leu Thr Val Thr Glu Thr Glu Pro Gly Ile Lys Gly Asp Thr
25             130             135             140
26     Ala Thr Gly Ala Thr Lys Ser Ala Thr Val Glu Thr Gly Tyr Thr Leu
27     145             150             155             160
28     Asn Val Pro Leu Phe Val Asn Glu Gly Asp Val Leu Ile Ile Asn Thr
29             165             170             175
30     Gly Asp Gly Ser Tyr Ile Ser Arg Gly
31             180             185

```

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32  <210> 2
33  <211> 188
34  <212> PRT
35  <213> Escherichia coli
36  <220>
37  <223>
38  <400> 2
39     Met Ala Thr Tyr Tyr Ser Asn Asp Phe Arg Ala Gly Leu Lys Ile Met
40     1              5              10              15
41     Leu Asp Gly Glu Pro Tyr Ala Val Glu Ala Ser Glu Phe Val Lys Pro
42             20              25              30
43     Gly Lys Gly Gln Ala Phe Ala Arg Val Lys Leu Arg Arg Leu Leu Thr
44             35              40              45
45     Gly Thr Arg Val Glu Lys Thr Phe Lys Ser Thr Asp Ser Ala Glu Gly
46     50              55              60

```

47 Ala Asp Val Val Asp Met Asn Leu Thr Tyr Leu Tyr Asn Asp Gly Glu
48 65 70 75 80
49 Phe Trp His Phe Met Asn Asn Glu Thr Phe Glu Gln Leu Ser Ala Asp
50 85 90 95

PAGE: 2

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/322,732

DATE: 06/17/1999
TIME: 12:26:20

Input Set: I322732.RAW

```

51   Ala Lys Ala Ile Gly Asp Asn Ala Lys Trp Leu Leu Asp Gln Ala Glu
52           100                      105                      110
53   Cys Ile Val Thr Leu Trp Asn Gly Gln Pro Ile Ser Val Thr Pro Pro
54           115                      120                      125
55   Asn Phe Val Glu Leu Glu Ile Val Asp Thr Asp Pro Gly Leu Lys Gly
56           130                      135                      140
57   Asp Thr Ala Gly Thr Gly Gly Lys Pro Ala Thr Leu Ser Thr Gly Ala
58           145                      150                      155                      160
59   Val Val Lys Val Pro Leu Phe Val Gln Ile Gly Glu Val Ile Lys Val
60           165                      170                      175
61   Asp Thr Arg Ser Gly Glu Tyr Val Ser Arg Val Lys
62           180                      185

```

```

63   <210> 3
64   <211> 29
65   <212> RNA
66   <213> Artificial Sequence
67   <220>
68   <223> Synthetic oligoribonucleotide
69   <400> 3
70   gggaaauucgg agguuuaaaa auggguaaa                29

```

PAGE: 1

RAW SEQUENCE LISTING
PATENT APPLICATION US/09/322,732DATE: 06/15/1999
TIME: 17:52:24

Input Set: I322732.RAW

This Raw Listing contains the General Information Section and those Sequences containing ERRORS.	Does Not Comply Corrected Diskette Needed
--	--

1 <110> Marotti, Keith R.
 2 Poorman, Roger A.
 3 Wells, Peter Andrew
 4 Shinaberger, Dean L.
 5 <120> Elongation Factor P (EFP) And Assays And Antimicrobial Treatments Related To ?
 6 <130> PUJ-0041
 7 <140> US/09/322,732
 8 <141> 1999-05-28
 9 <150> 60/117,473
 10 <151> 1999-01-27
 11 <160> 3

*see item 3 on
Even summary
sheet*

ERRORED SEQUENCES FOLLOW

12	<210> 1	
13	<211> 185	
14	<212> PRT	
15	<213> Staphylococcus aureus	
16	<220>	
17	<223>	
18	<400> 1	
E-->	Met Ile Ser Val Asn Asp Phe Lys Thr Gly Leu Thr Ile Ser Val Asp	<i>misaligned amino acid nos. -</i>
20	1 2 5 5 10 15 20	<i>see item 4 on</i>
E-->	Asn Ala Ile Thr Lys Val Ile Asp Phe Gln His Val Lys Pro Gly Lys	<i>Even summary sheet</i>
22	20 20 25 2530	
E-->	Gly Ser Ala Phe Val Arg Ser Lys Leu Arg Asn Leu Arg Thr Gly Ala	
24	35 40	
E-->	Ile Gln Glu Lys Thr Phe Arg Ala Gly Glu Lys Val Glu Pro Ala Met	
26	50 55 60	
E-->	Ile Glu Asn Arg Arg Met Gln Tyr Leu Tyr Ala Asp Gly Asp Asn His	
28	65 70 75	
E-->	Val Phe Met Asp Asn Glu Ser Phe Glu Gln Thr Glu Leu Ser Ser Asp	
30	85 90	
E-->	Tyr Leu Lys Glu Glu Leu Asn Tyr Leu Lys Glu Gly Met Glu Val Gln	
32	100 105	
E-->	Ile Gln Thr Tyr Glu Gly Glu Thr Ile Gly Val Glu Leu Pro Lys Thr	
34	115 120 125	
E-->	Val Glu Leu Thr Val Thr Glu Thr Glu Pro Gly Ile Lys Gly Asp Thr	
36	130 135 140	
E-->	Ala Thr Gly Ala Thr Lys Ser Ala Thr Val Glu Thr Gly Tyr Thr Leu	
38	145 150 155	
E-->	Asn Val Pro Leu Phe Val Asn Glu Gly Asp Val Leu Ile Ile Asn Thr	

DATE: 06/15/1999
TIME: 17:52:24

Input Set: I322732.RAW

[illegible]

Input Set: I322732.RAW

Line	Error/Warning	Original Text
20	E Invalid/Missing Amino Acid Numbering	1 5
22	E Invalid/Missing Amino Acid Numbering	20
24	E Invalid/Missing Amino Acid Numbering	35
26	E Invalid/Missing Amino Acid Numbering	50 55
28	E Invalid/Missing Amino Acid Numbering	65 70
30	E Invalid/Missing Amino Acid Numbering	85
32	E Invalid/Missing Amino Acid Numbering	100
34	E Invalid/Missing Amino Acid Numbering	115
36	E Invalid/Missing Amino Acid Numbering	130 13
38	E Invalid/Missing Amino Acid Numbering	145 150
40	E Invalid/Missing Amino Acid Numbering	165
42	E Invalid/Missing Amino Acid Numbering	180
51	E Invalid/Missing Amino Acid Numbering	1 5
53	E Invalid/Missing Amino Acid Numbering	20
55	E Invalid/Missing Amino Acid Numbering	35
57	E Invalid/Missing Amino Acid Numbering	50 5
59	E Invalid/Missing Amino Acid Numbering	65 70
61	E Invalid/Missing Amino Acid Numbering	85
63	E Invalid/Missing Amino Acid Numbering	100
65	E Invalid/Missing Amino Acid Numbering	115
67	E Invalid/Missing Amino Acid Numbering	130 13
69	E Invalid/Missing Amino Acid Numbering	145 150
71	E Invalid/Missing Amino Acid Numbering	165
73	E Invalid/Missing Amino Acid Numbering	180
77	E Response to "Organism" is Missing	<213>